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Attorney Docket No. 00015-041US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of ) MAIL STOP AF  
Gordon N. Gill ) Group Art Unit: 1652  
Application No.: 10/552,298 ) Examiner: Sheridan Swope  
Filed: June 12, 2006 ) Confirmation No.: 6198  
For: PHOSPHATASE REGULATION OF ) Certificate of Electronic Deposit  
NUCLEIC ACID TRANSCRIPTION )  
I hereby certify that this correspondence is being  
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Office on August 21, 2009 via EFS-Web.  
By: \_\_\_\_\_ /Joseph R. Baker, Jr./  
Joseph R. Baker, Jr.

**RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Response is being submitted in response to the Final Office Action dated April 21, 2009. Applicants request entry of the following amendments and remarks:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.